

# VBA SOURCE CODE BOOK

## EMAIL MANAGER PT. 3

**EXCEL EMAIL MANAGER PART 3**


Received On: 3/2/2019 15:22 Category: Default Category  
From Email: Randy@ExcelForFreelancers.com From Name: Randy Austin

Subject:  
Hello there,  
Build Amazing Reports Dashboards. Learn More Here  
Best Regards,  
Randy  
www.ExcelForFreelancers.com

File Name	Type	Received On	Attachments Folder Location
DashboardPrincipals.p	png	3/2/2019 13:26	C:\Users\neil\Deskto
MainScreenshot_Vid	png	3/2/2019 13:26	
ProfitLoss_Advert.jpg	jpg	3/2/2019 13:26	
Reports Course Fram	docx	3/2/2019 13:26	
Sales By Month_2015	pdf	3/2/2019 13:26	
Sales Video Script.do	docx	3/2/2019 13:26	
Advanced_Dashboar	xls	3/2/2019 15:22	

Excel Email Manager Part 3 interface showing a list of emails with columns: From, Subject, Email Message, Category, # of Attach. A magnifying glass icon is over the Subject column.

Excel For Freelancers logo



*Excel For Freelancers*

Learn How To Preview  
Attachments, Filter By Date &  
Remove HTML in the Excel Email  
Manager [Part 3]



**DOWNLOAD  
APPLICATION**



**WATCH ENTIRE  
SERIES**



**VIEW  
TRAINING**

*by: Randy Austin*

# ABOUT THE AUTHOR

A two-time Microsoft MVP & lifetime Excel enthusiast, Randy Austin founded Excel For Freelancers in 2017. Excel For Freelancers quickly became the most prominent resource Excel for developers to learn how to turn their passion for Excel into profits by building & selling their own excel-based applications for passive & recurring income.

With nearly 300,000 YouTube subscribers, 14,000,000 video views, 200+ comprehensive training videos, and a thriving 40,000 member Facebook community, Excel For Freelancers has positioned itself as the #1 Excel developers resource in the world.

Get free content, training, and downloads just by clicking any of the free resources below:



[WEBSITE](#)



[YOUTUBE](#)



[FACEBOOK](#)



[TWITTER](#)



[INSTAGRAM](#)



[TELEGRAM](#)



[RUMBLE](#)



**Microsoft**<sup>®</sup>  
Most Valuable  
Professional



# OUR COURSES & PRODUCTS



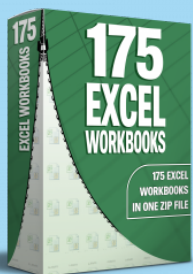
This comprehensive program will take you through a 12-phase process that will turn your enthusiasm for Excel into passive income.

[Click here to learn more](#)



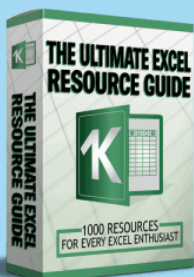
16 hour masterclass that will teach you the tips, tricks and techniques on how to create a dynamic single-click dashboard, and a ton more

[Click here to learn more](#)



Incredible Package of 175 of my BEST Applications into a SINGLE ZIP File which also includes the "175 Workbook Library".

[Click here to learn more](#)



With 1000 live links, continuously updating content, sort-able and filterable items, you will always have exactly what you need, when you need it.

[Click here to learn more](#)

Projects.....	2
VBAProject .....	2
Documents .....	2
Sheet1.....	2
(Declarations).....	2
Worksheet_Change [Sub ] .....	2
Worksheet_SelectionChange [Sub ] .....	2
Sheet2.....	4
(Declarations).....	4
Sheet3.....	6
(Declarations).....	6
ThisWorkbook .....	8
(Declarations).....	8
Modules.....	10
CodeReset_Macs .....	10
(Declarations).....	10
ResetCalc [Sub ] .....	10
StopCalc [Sub ] .....	10
Email_Attach_Preview.....	12
(Declarations).....	12
PreviewAttach [Sub ] .....	12
Email_Filterers .....	14
(Declarations).....	14
DateFilter_Equals [Sub ] .....	14
DateFilter_GreaterThan [Sub ] .....	14
DateFilter_LessThan [Sub ].....	14
DateFilter_ResetShapes [Sub ] .....	14
EmailFilter [Sub ].....	14
Email_Misc.....	17
(Declarations).....	17
BrowseMainAttachmentFolder [Sub ] .....	17
Email_Load [Sub ] .....	17
Email_LoadAttach [Sub ] .....	17
Email_Refresh [Sub ] .....	17
RemoveHTML [Sub ].....	18

Option Explicit

```
Private Sub Worksheet_Change(ByVal Target As Range)
    If Not Intersect(Target, Range("D15" )) Is Nothing And Range("B5" ).Value = False Then
        Range("B3" ).Value = Range("D15" ).Value
    End If
    If Not Intersect(Target, Range("D15:J15" )) Is Nothing And Range("B5" ).Value = False Then
        EmailFilter
    End If
    If Not Intersect(Target, Range("E15" )) Is Nothing Then Target.Hyperlinks.Delete
End Sub
```

```
Private Sub Worksheet_SelectionChange(ByVal Target As Range)
    If Not Intersect(Target, Range("D16:J99999" )) Is Nothing And Range("D" & Target.Row).
        Value <> Empty Then
        Range("B2" ).Value = Target.Row
        Email_Load
    End If
    If Not Intersect(Target, Range("L4:N9999" )) Is Nothing And Range("O" & Target.Row).Value
        <> Empty Then
        Range("B7" ).Value = Target.Row
        If Range("B6" ).Value = True Then PreviewAttach
    End If
End Sub
```

## D

Delete, [2](#)

## E

Email\_Load, [2](#)

EmailFilter, [2](#)

Empty, [2](#)

Explicit, [2](#)

## H

Hyperlinks, [2](#)

## I

Intersect, [2](#)

## P

PreviewAttach, [2](#)

## R

Range, [2](#)

Row, [2](#)

## T

Target, [2](#)

## V

Value, [2](#)

## W

Worksheet\_Change, [2](#)

Worksheet\_SelectionChange, [2](#)

1 Option Explicit

2

**E**

Explicit, 4



1 Option Explicit

2

**E**

Explicit, 6

1	Option Explicit
2	

**E**

Explicit, 8

```
1 Option Explicit
2 Sub ResetCalc()
3     With Application
4         .EnableEvents = True
5         .Calculation = xlCalculationAutomatic
6         .ScreenUpdating = True
7     End With
8 End Sub
9
10
11 Sub StopCalc()
12     With Application
13         .EnableEvents = False
14         .Calculation = xlCalculationManual
15         .ScreenUpdating = False
16     End With
17 End Sub
```

**A**

Application, [10](#)

**C**

Calculation, [10](#)

**E**

EnableEvents, [10](#)

Explicit, [10](#)

**R**

ResetCalc, [10](#)

**S**

ScreenUpdating, [10](#)

StopCalc, [10](#)

**X**

xlCalculationAutomatic, [10](#)

xlCalculationManual, [10](#)

Option Explicit

```
1
2
3
4 Sub PreviewAttach()
5   Dim FileName As String
6   Dim FileExt As String
7   Dim FileType As String
8   Dim ActRow As Long
9   StopCalc
10  With Sheet1
11     ActRow = ActiveCell.Row
12     FileExt = .Range("M" & ActRow).Value
13     FileName = .Range("O" & ActRow).Value
14     Select Case FileExt
15     Case "pdf"
16         FileType = "PDF"
17     Case "xlsx" , "xls" , "xlsm" , "xlsb"
18         FileType = "Excel"
19     Case "docx" , "doc" , "docm" , "dotx" , "dot" , "txt"
20         FileType = "Word"
21     Case "jpg" , "png" , "jpeg" , "gif" , "bmp"
22         FileType = "Picture"
23     End Select
24
25
26     On Error Resume Next
27     .Shapes("PreviewFile" ).Delete 'Clear Any Previous Shape Preview (if any)
28     On Error GoTo 0
29     'On Word, Excel or PDF Section
30     If FileType = "PDF" Or FileType = "Excel" Or FileType = "Word" Then
31         On Error Resume Next
32         .OLEObjects.Add(FileName:=FileName, Link:=False, DisplayAsIcon:=False).Name =
33             "PreviewFile"
34         On Error GoTo 0
35         If FileType = "Excel" Then Workbooks(Dir(FileName)).Close SaveChanges:=False
36         If FileType = "Excel" Then Workbooks(2).Close SaveChanges:=False
37     End If
38     'On Picture Selection
39     If FileType = "Picture" Then
40         .Pictures.Insert(FileName).Name = "PreviewFile"
41         With .Shapes("PreviewFile" )
42             If .Width > .Height Then .Width = 200 Else: .Height = 300
43         End With
44     End If
45     On Error Resume Next 'in case of issue displaying attachment
46     With .Shapes("PreviewFile" )
47         .Left = Sheet1.Range("O4" ).Left + 15
48         .Top = Sheet1.Range("O4" ).Top + 10
49         .IncrementLeft 10
50         .IncrementTop 10
51     End With
52     On Error GoTo 0
53     ResetCalc
54 End With
55 End Sub
56
57
```

## A

ActiveCell, [12](#)  
ActRow, [12](#)  
Add, [12](#)

## C

Close, [12](#)

## D

Delete, [12](#)  
Dir, [12](#)  
DisplayAsIcon, [12](#)

## E

Explicit, [12](#)

## F

FileExt, [12](#)  
FileName, [12](#)  
FileType, [12](#)

## H

Height, [12](#)

## I

IncrementLeft, [12](#)  
IncrementTop, [12](#)  
Insert, [12](#)

## L

Left, [12](#)  
Link, [12](#)

## N

Name, [12](#)

## O

OLEObjects, [12](#)

## P

Pictures, [12](#)  
PreviewAttach, [12](#)

## R

Range, [12](#)  
ResetCalc, [12](#)  
Row, [12](#)

## S

SaveChanges, [12](#)  
Shapes, [12](#)  
Sheet1, [12](#)  
StopCalc, [12](#)

## T

Top, [12](#)

## V

Value, [12](#)

## W

Width, [12](#)  
Workbooks, [12](#)



```

1  Option Explicit
2
3  Sub DateFilter_Equals()
4      Sheet1.Range("B4" ).Value = "="
5      DateFilter_ResetShapes
6      Sheet1.Shapes("FiltEquals" ).ShapeStyle = msoShapeStylePreset37
7      If Sheet1.Range("B3" ).Value <> Empty Then EmailFilter
8  End Sub
9  Sub DateFilter_GreaterThan()
10     Sheet1.Range("B4" ).Value = ">"
11     DateFilter_ResetShapes
12     Sheet1.Shapes("FiltGreaterThan" ).ShapeStyle = msoShapeStylePreset37
13     If Sheet1.Range("B3" ).Value <> Empty Then EmailFilter
14 End Sub
15 Sub DateFilter_LessThan()
16     Sheet1.Range("B4" ).Value = "<"
17     DateFilter_ResetShapes
18     Sheet1.Shapes("FiltLessThan" ).ShapeStyle = msoShapeStylePreset37
19     If Sheet1.Range("B3" ).Value <> Empty Then EmailFilter
20 End Sub
21
22 Sub DateFilter_ResetShapes()
23     Sheet1.Shapes("FiltEquals" ).ShapeStyle = msoShapeStylePreset23
24     Sheet1.Shapes("FiltLessThan" ).ShapeStyle = msoShapeStylePreset23
25     Sheet1.Shapes("FiltGreaterThan" ).ShapeStyle = msoShapeStylePreset23
26 End Sub
27
28 Sub EmailFilter()
29     Dim LastEmailRow As Long
30     Dim LastResultsRow As Long
31     Dim FiltRange As Range
32     Dim EmailCol As Long
33     StopCalc
34     With Sheet2
35         .Range("AC3:AI3" ).ClearContents 'Clear Old Criteria, but not date formats
36         .Range("A03:AV999999" ).ClearContents 'Clear Old Results
37         Sheet1.Range("D16:J999999" ).ClearContents
38         'Set Filters
39         If Sheet1.Range("B3" ).Value = Empty Then
40             Set FiltRange = .Range("AC2:AH3" )
41         Else:
42             Set FiltRange = .Range("AA2:AH3" )
43         End If
44
45         For EmailCol = 5 To 10
46             If InStr(Sheet1.Cells(15, EmailCol).Value, "Enter" ) < 1 Then .Cells(3, EmailCol +
47                 24).Value = Sheet1.Cells(15, EmailCol).Value
48         Next EmailCol
49
50         LastEmailRow = .Range("A999999" ).End(xlUp).Row 'Last Email Row
51         If LastEmailRow < 3 Then GoTo NoData
52         .Range("A2:H" & LastEmailRow).AdvancedFilter xlFilterCopy, CriteriaRange:=FiltRange,
53         CopyToRange:=.Range("A02:AV2" ), Unique:=True
54         LastResultsRow = .Range("A0999999" ).End(xlUp).Row 'Last Results Row
55         If LastResultsRow < 3 Then GoTo NoData
56         .Range("A03:AU" & LastResultsRow).Copy
57         Sheet1.Range("D16:J" & LastResultsRow + 13).PasteSpecial xlPasteValues
58         Sheet1.Range("D16:J" & LastResultsRow + 13).WrapText = False
59         Application.CutCopyMode = False
60     NoData:
61 End With

```

1

```
60 | 1 ResetCalc  
61 | End Sub
```

## A

AdvancedFilter, [14](#)  
Application, [14](#)

## C

Cells, [14](#)  
ClearContents, [14](#)  
Copy, [14](#)  
CopyToRange, [14](#)  
CriteriaRange, [14](#)  
CutCopyMode, [14](#)

## D

DateFilter\_Equals, [14](#)  
DateFilter\_GreaterThan, [14](#)  
DateFilter\_LessThan, [14](#)  
DateFilter\_ResetShapes, [14](#)

## E

EmailCol, [14](#)  
EmailFilter, [14](#)  
Empty, [14](#)  
Explicit, [14](#)

## F

FiltRange, [14](#)

## I

InStr, [14](#)

## L

LastEmailRow, [14](#)  
LastResultsRow, [14](#)

## M

msoShapeStylePreset23, [14](#)  
msoShapeStylePreset37, [14](#)

## N

NoData, [14](#)

## P

PasteSpecial, [14](#)

## R

Range, [14](#)  
ResetCalc, [15](#)  
Row, [14](#)

## S

Shapes, [14](#)  
ShapeStyle, [14](#)  
Sheet1, [14](#)  
Sheet2, [14](#)  
StopCalc, [14](#)

## U

Unique, [14](#)

## V

Value, [14](#)

## W

WrapText, [14](#)

## X

xlFilterCopy, [14](#)  
xlPasteValues, [14](#)  
xlUp, [14](#)

```

1  Option Explicit
2
3  Sub BrowseMainAttachmentFolder()
4      With Application.FileDialog(msoFileDialogFolderPicker)
5          .Title = "Select A Main Attachment Folder"
6          If .Show <> -1 Then GoTo NoSelection
7              Sheet1.Range("P3" ).Value = .SelectedItems(1)
8          End With
9      NoSelection:
10     End Sub
11
12     Sub Email_Load()
13         Dim EmailRow As Long
14         Dim EmailCol As Long
15         With Sheet1
16             StopCalc
17             EmailRow = .Range("B2" ).Value 'Email Row
18             For EmailCol = 4 To 9
19                 .Range(.Cells(13, EmailCol).Value).Value = .Cells(EmailRow, EmailCol).Value 'Email
20                 Fields
21             Next EmailCol
22         End With
23     Email_LoadAttach
24     ResetCalc
25 End Sub
26
27 Sub Email_LoadAttach()
28     Dim LastAttachRow As Long
29     Dim LastResultRow As Long
30     With Sheet1
31         .Range("L4:O9999" ).ClearContents 'Clear out Any old attachments
32         On Error Resume Next
33         .Shapes("PreviewFile" ).Delete 'Clear Any Previous Shape Preview (if any)
34         On Error GoTo 0
35         Sheet3.Range("M3:T9999" ).ClearContents 'Clear Old Criteria and results
36         Sheet3.Range("M3" ).Value = .Range("E3" ).Value 'From Email
37         'Sheet3.Range("N3").value = .Range("E2").value 'Recieved On
38         LastAttachRow = Sheet3.Range("A9999" ).End(xlUp).Row 'Last AttachRow
39         Sheet3.Range("A2:F" & LastAttachRow).AdvancedFilter xlFilterCopy, CriteriaRange:=
40         Sheet3.Range("M2:N3" ), CopyToRange:=Sheet3.Range("Q2:T2" ), Unique:=True
41         LastResultRow = Sheet3.Range("Q9999" ).End(xlUp).Row
42         If LastResultRow < 3 Then GoTo NoAttach
43         Sheet1.Range("L4:O" & LastResultRow + 1).Value = Sheet3.Range("Q3:T" & LastResultRow)
44         .Value 'Copy Over Attachments
45     NoAttach:
46     End With
47 End Sub
48
49 Sub Email_Refresh()
50     Dim LastEmailRow As Long
51     StopCalc
52     With Sheet1
53         .Range("B5" ).Value = True 'Set Filter Clear to True
54         .Range("B3,D16:J9999" ).ClearContents
55         LastEmailRow = Sheet2.Range("A9999" ).End(xlUp).Row
56         If LastEmailRow < 3 Then GoTo NoData
57         Sheet2.Range("A3:G" & LastEmailRow).Copy
58         .Range("D16:J" & LastEmailRow + 13).PasteSpecial xlPasteValues
59         .Range("D16:J" & LastEmailRow + 13).WrapText = False
60         .Range("D15:J15" ).Value = .Range("DefaultText" ).Value
61         .Range("D" & .Range("B2" ).Value).Select
62         .Range("B5" ).Value = False 'Set Filter Clear to False
63     End With

```

```
1
59 Application.CutCopyMode = False
60 NoData:
61 ResetCalc
62 End Sub
63
64
65 Sub RemoveHTML()
66 Dim EmailText As String
67 Dim StartChar As Long
68 Dim EndChar As Long
69 EmailText = Sheet1.Range("D5" ).Value
70
71 Do While InStr(EmailText, "<" ) <> 0
72 StartChar = InStr(EmailText, "<" ) - 1
73 EndChar = InStr(EmailText, ">" ) + 1
74 On Error GoTo ReplaceDone
75 Sheet1.Range("D5" ).Value = Replace(EmailText, Mid(EmailText, StartChar, EndChar -
76 StartChar), "" )
77 EmailText = Sheet1.Range("D5" ).Value
78 Loop
79 ReplaceDone:
80 End Sub
81
```

**A**

AdvancedFilter, 17  
Application, 17, 18

**B**

BrowseMainAttachmentFolder, 17

**C**

Cells, 17  
ClearContents, 17  
Copy, 17  
CopyToRange, 17  
CriteriaRange, 17  
CutCopyMode, 18

**D**

Delete, 17

**E**

Email\_Load, 17  
Email\_LoadAttach, 17  
Email\_Refresh, 17  
EmailCol, 17  
EmailRow, 17  
EmailText, 18  
EndChar, 18  
Explicit, 17

**F**

FileDialog, 17

**I**

InStr, 18

**L**

LastAttachRow, 17  
LastEmailRow, 17  
LastResultRow, 17

**M**

Mid, 18  
msoFileDialogFolderPicker, 17

**N**

NoAttach, 17  
NoData, 17, 18  
NoSelection, 17

**P**

PasteSpecial, 17

**R**

Range, 17, 18  
RemoveHTML, 18  
Replace, 18  
ReplaceDone, 18  
ResetCalc, 17, 18  
Row, 17

**S**

SelectedItems, 17  
Shapes, 17  
Sheet1, 17, 18  
Sheet2, 17  
Sheet3, 17  
Show, 17  
StartChar, 18  
StopCalc, 17

**T**

Title, 17

**U**

Unique, 17

**V**

Value, 17, 18

**W**

WrapText, 17

**X**

xlFilterCopy, 17  
xlPasteValues, 17  
xlUp, 17

# Thank You!

This source code was created and made available to help you gain a better understanding of how VBA is used to create amazing Excel-based applications.

Thank you so much for your continued shares, likes and support. It really helps.



*Excel For Freelancers*